

In the Claims

Please cancel claims 14 and 25.

Please replace claims 1, 2, 6, 8-10, 13, 16, 17, 24, and 26 with the following:

sub B1
a6
1. [AMENDED] A structural assembly comprising:

a first pre-cured assembly; and

a 3-D woven textile pre-form impregnated with an uncured resin and coupled to said first pre-cured assembly, wherein said first pre-cured assembly and said 3-D woven textile pre-form are cured to form the structural assembly.

2. [AMENDED] The structural assembly of Claim 1 further comprising:

at least one additional assembly wherein said at least one additional assembly is coupled and cured to said first pre-cured assembly and said 3-D woven textile preform.

a7
6. [AMENDED] The structural assembly of Claim 2, wherein said first pre-cured assembly and said 3-D woven textile pre-form are cured in an autoclave with heat and pressure.

a8
8. [AMENDED] The structural assembly of Claim 2, wherein said pre-assemblies and said 3-D woven textile pre-form are cured with a low temperature vacuum bag.

9. [AMENDED] The structural assembly of Claim 2, wherein said pre-assemblies and said 3-D woven textile pre-form are cured with an E-Beam cure resin system.

- a8
10. [AMENDED] The structural assembly of Claim 2, further comprising composite overwrap plies on the exterior surface of said 3-D woven textile pre-form.

- a9
B2
13. [AMENDED] A method of forming a structural assembly, comprising the steps of:

affixing a first pre-cured assembly to a 3-D woven textile pre-form impregnated with an uncured resin;

affixing at least one additional pre-cured assembly to said 3-D woven textile; and

curing said resin to form the structural assembly.

- a10
Sub C2
16. [AMENDED] The method of Claim 13, wherein said step of curing is implemented in an autoclave with heat and pressure.

17. [AMENDED] The method of Claim 16, wherein said pressure is applied with a pressure intensifier located proximate to said pre-cured assemblies and said 3-D woven textile pre-form.

- a11
Sub C1a
24. [AMENDED] A method of forming structural assemblies with pre-cured laminated composite structures, comprising the steps of:

affixing a first adhesive film in between a first pre-cured laminated composite structures and a 3-D woven textile pre-form impregnated with an uncured resin;

affixing an additional adhesive film between at least one additional pre-cured laminated composite structures and said 3-D woven textile; and

curing said adhesive films, said first pre-cured laminated composite structures, said at least one additional pre-cured laminated composite structures and said 3-D woven textile pre-form to form the structural assemblies.

26. [AMENDED] The method of Claim 25, where pressure is applied during said curing step with pressure intensifiers located proximate to said pre-cured laminated composite structures and said 3-D woven textile pre-form.

Please add claims 33-43 as follows:

33. [NEW] The structural assembly of Claim 1, wherein said 3-D woven textile is Pi-shaped.
34. [NEW] The structural assembly of Claim 1, wherein said 3-D woven textile is T-shaped.
35. [NEW] The structural assembly of Claim 1, wherein said 3-D woven textile is Pi-shaped.

36. [NEW] The structural assembly of Claim 2, wherein a film adhesive is placed between said pre-form and said first pre-cured assembly.

37. [NEW] The structural assembly of Claim 2, wherein a film adhesive is placed between said pre-form and said at least one additional assembly.

38. [NEW] The method of Claim 13, wherein said 3-D woven textile is T-shaped.

39. [NEW] The method of Claim 13, wherein said 3-D woven textile is Pi-shaped.

40. [NEW] The method of Claim 13, wherein a film adhesive is placed between said pre-form and said first pre-cured assembly.

41. [NEW] The method of Claim 13, wherein a film adhesive is placed between said pre-form and said at least one additional assembly.

42. [NEW] The method of Claim 24, wherein said 3-D woven textile is T-shaped.

43. [NEW] The method of Claim 24, wherein said 3-D woven textile is Pi-shaped.